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Cooper College Quarterly

General Catalog 1906-1907


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Number Forty-Three

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Twentieth Annual Catalog

— OF —

COOPER COLLEGE

College Department

Preparatory Department

Normal Department

Commercial Department

School of Elocution

School of Art

School of Music

1906-1907

STERLING, KANSAS

Faculty and Instructors.

- REV. F. M. SPENCER, D. D., President and Professor of
Mental and Moral Science.
- S. A. WILSON, A. M., Professor of Ancient Languages.
- TALMON BELL, A. M., Professor of Mathematics.
- ALBERT N. PORTER, A. M., Professor of Political Economy.
- ELIZABETH DUFF, Principal of Normal Department and
Professor of Literature.
- MARY W. SELLARDS, A. M., Professor of German and As-
sistant in Latin.
- ALVIN H. COUCH, A. B., Professor of Botany and Biology.
- ALICE M. BROWN, Instructor in Art.
- EDITH CAPPER, Instructor in Elocution and Physical Cul-
ture.
- FLORENCE L. SHIELDS, Instructor in Mental and Moral
Science.
- J. B. COVALT, Principal of Commercial Department.
- WINIFRED WHERRY, Director of Instrumental Music elect.
- MAUDE BURR, Director of Vocal Music elect.
- MRS. EDNA H. COVALT, Assistant in Commercial Depart-
ment.
- CLARENCE A. NASH, Instructor in Chemistry and Physics.
-

Officers of Faculty—President, F. M. SPENCER; Registrar,
MARY W. SELLARDS; Secretary, FLORENCE SHIELDS.
Committee on Athletics—J. B. COVALT and CLARENCE A.
NASH.
Committee on Courses of Study—S. A. WILSON and TAL-
MON BELL.

Historical and Local Statement.

Cooper College was founded in 1887. The Sterling Land and Investment Company agreed to erect a building costing \$25,000 on condition that the Synod of Kansas would provide an endowment of \$25,000 and operate the college. This endowment was to be raised in five years. Both parties fulfilled the conditions of the agreement, and the college became an established fact.

The aim of the Investment company was to add to the attractions of Sterling, and, by bringing a good class of citizens, improve the town. This has been accomplished to a very considerable extent. A large number of substantial families have come to Sterling on account of the college. They have helped to beautify the homes and to increase the business of the town.

The aim of the Synod was to establish an institution of learning within the bounds of the Synod where young people could receive Christian education. Primarily, this was for the young people of the United Presbyterian church. In a broader sense, however, the college was established for all the young people who might apply for the privileges of the institution. All are made welcome. The college is not sectarian. There is no difference made on account of religious faith. All stand upon an equality. Because Cooper is a Christian institution, the Bible has an honored place in the course of study. True science is in perfect harmony with Revelation and is so taught. The spirit of the institution and the aim of those who have charge of it, is to develop by means of such instruction the highest type of manhood and womanhood. We can point with pride to the young men and women who have received their education in Cooper College.

Cooper College is favorably situated. Sterling is a typical college town. She has a wide-awake population of 2100 people. Her streets are broad and clean. Several miles of brick walks have been laid. Her numerous beautiful residences, comfortable churches and well arranged business houses are a credit to her citizens. Shade and fruit trees are so numerous as to make her worthy of the name "Forest City."

The following denominations have congregations and church buildings in Sterling: United Presbyterian, Reformed Presbyterian, Presbyterian, Congregational, Methodist Episcopal, Friend, Baptist, Christian, United Brethren, Adventist and M. E. Colored.

Sterling is a moral city. There are no saloons. The State prohibitory law is so well enforced that joints are not tolerated. On this account, Sterling is a good college town.

Sterling is not far from the center of Kansas, and is in the heart of the wheat belt. Wheat, corn, broomcorn, sorghum, kafir corn and alfalfa are staple crops. Central Kansas is developing rapidly, and is becoming more and more desirable for agricultural purposes.

Health conditions are favorable. The altitude of Sterling is 1640 feet above sea level. The air is dry but not too rare. There is much sunshine. During the winter months there is little rainfall. Lung trouble is rare in this locality. Few cases of pneumonia prove fatal. There is practically no malaria. Many persons who cannot live in eastern States might enjoy good health here. This has been tried and proven by many Sterling people. A number of students have come to Cooper on this account. If conditions were fully understood, a great many more would come.

Last summer, \$2,000 was raised in this community for college improvements. A new roof was put upon the college building, the woodwork outside was painted, the woodwork inside was oiled and varnished, the room used for a gymnasium was fitted up for a recitation room and a building put up outside for a dressing room and bath, much needed apparatus was added to the laboratory, and the room formerly used by Prof. Wilson was fitted up as a library and waiting room. These improvements have added greatly to the comfort of the students and make possible better work on the part of both teachers and students. During the past year, a large number of trees have been set out in the campus, which is rapidly becoming a beautiful park.

Sterling Chautauqua.

Sterling Chautauqua.

The Arkansas Valley Chautauqua Association has recently been organized. The first meeting of this Association will be held July 6 to 14, 1907. Among the attractions to be offered to the public will be: Henry E. Thayer, Col. George W. Bain, Gov. Folk, L. B. Wickersham, Dr. Dawson of London, Senator Charles Curtis, Meddie Ovington Hamilton, J. Knox Montgomery, D. D., Dr. H. W. Sears, Don W. Nicholas, D. D. of China, Lyric Ladies Quartette, Angeline Wallace of Chicago, Sterling Band, Brush the Magician, Bill Bone, Humorist, Miss Edith Capper, Elocutionist, and moving pictures every night. Sterling with her railroad facilities and beautiful city is a good center for a Chautauqua and an excellent meeting is anticipated.

Material Equipment.

Buildings.—The college building is of Strong City limestone, and is one hundred and twenty feet by fifty, three stories high. It is finished in good style, has large single windows, a chapel to seat over three hundred, besides ten other large and ten smaller rooms. These are well adapted for class rooms and other purposes.

A steam heat plant costing \$2,400 has been put in recently. It is large enough to heat every part of the building in the coldest weather, and does its work easily. This improvement adds much to the comfort and cleanliness of the college rooms and halls.

The Art Studio is on Seventh Street. It has roof light and is furnished with china kiln, models, etc.

The Campus consists of ten acres set with a variety of trees. It contains the college, McCracken Athletic Field, and tennis ground. It is about three-fourths of a mile from the center of town.

The Museum.—The Museum contains a considerable amount of material illustrative of the natural sciences. Specimens of minerals and rocks from many localities are included in the geological collection; each geologic age being represented. Kansas and Colorado are well represented. All sections of our state furnish specimens of rocks and fossils. Through the gift of Rev. John P. White, of Topeka, Kan., a former missionary to Egypt, the college possesses a very valuable geological collection from Egypt and the Holy Land. A collection illustrative of Egyptian life is accessible through the kindness of Mr. A. G. Smith.

The zoological specimens include collections illustrative of marine invertebrate life, birds' eggs and bird and mammalian life of Kansas. The flora of Rice County is illustrated by botanical specimens. Mounted specimens

from other localities are also in the collection. It is the aim to make the Museum not merely a collection of curiosities, but an important factor in advancing the scientific work of the students.

Dr. and Mrs. H. T. McLaughlin, our missionaries to the Sudan, have recently presented to Cooper valuable curios from that field, estimated to be worth from five to seven hundred dollars.

A list of these articles is given: 1 Shulla club, 1 Shulla elephant skin shield, 4 Shulla spears, 2 Anyok spears, 1 Barune spear, 1 battleax, 1 Mahda sword, 1 Mahda helmet, 1 Dervish Banda ghea, 1 sword, 1 bayonet, 1 Dinka war club, 3 Begara arrows, 3 ladies dancing clubs, 3 Shulla pillows, 1 Shulla hoe, 1 Dinka dancing dress, 1 Begara girl's suit, 1 Anyok suit (man), 1 gazelle skin, 1 Shulla boy's dancing suit, 1 Mahadas dress (Omdurman), 1 sheepskin outer-dress of women (Shulla), 1 Shulla wedding dress, 1 Shulla prince's suit, 1 Shulla suit of clothes for man, 1 Shulla man's dancing suit, 1 Anyok girl's suit, 1 Shulla style of hair, 1 Shulla neck beads for men, 1 Shulla beads, 10 Shulla beads, 1 Shulla giraffe hair necklace, 2 Shulla sandals, 1 shoe (Lower Sudan), 1 Shulla wristlet, 1 leopard claw, 1 brass bracelet wire (Shulla), 1 Shulla boy's bracelet, 1 ivory finger ring, 1 dirk, 1 Shulla ax, 1 cake cover (Lower Sudan), 1 palm leaf work basket (Omdurman), 1 Shulla musical instrument, 1 kharbag used by slave driver, 2 decorations for holding ostrich eggs, 3 ivory bracelets (Lower Sudan), 1 land snail (Doleib Hill), 1 cup found on Doleib Hill, 1 crocodile's tooth, 1 Dome-palm seed, 1 porcupine's quills, 1 elephant's tusks, 1 tooth of hyppotamus, 1 iron bullet from Battle of Fort Aboukir, 1801, 1 bullet from Battle of Omdurman, 1 ammunition from Omdurman, 2 Shulla pipes, 1 giraffe tail, 1 elephant fruit, 1 Egyptian candlestick, 1 cup used by medicine men, 2 Egyptian cur-

tains, 1 Egyptian tarbush, 1 Egyptian beads (women), 1 necklace from Assiut, 1 button worn by English soldier, 1 button worn by railroad men, 1 button worn by Egyptian soldiers, 3 Egyptian fly brushes, 1 Egyptian gulla, 5 Egyptian vases, 1 Egyptian foot-scraper, 1 antique alabaster vase from Assuit (from 3000 to 4000 years old), 1 ointment vase, (rare, 3000 to 5000 years old), 1 image from ancient tombs, 5 Egyptian gods, 1 ancient Egyptian lamp, 1 Egyptian ointment box (1000 years old), 1 Egyptian scales, 1 Egyptian tablet from ruins of village, 1 limestone fossil (Assiut), 1 alabaster from mountains near Luxor, 1 1 Egyptian cobra, 1 starfish from Mediterranean, 1 shell from Alexandria, 1 Mexican pitcher, 1 bean from Sudan (native), 1 nut from Sudan, 1 piece of vase from Assiut, 3 Shulla war clubs.

Laboratories and Instruments.—The Chemical Laboratory is large and conveniently arranged, furnished with city water, and new desks for individual use in experimenting. Cases and shelves are fitted up with a complete line of chemicals and reagents, glassware, crucibles, electrolytic apparatus, blow pipes, thermometers, balances, etc., sufficient for thorough general and analytical courses.

The Physical Laboratory has individual desks for experimental work, and large glass cases for storing instruments and apparatus. The apparatus includes a Holtz electric machine, and X-ray outfit, a Colt stereopticon, induction coils, motor, galvanoscope, Jolly balance, spectroscope, etc. The laboratory work this year has included a good representative line of experiments in general Physics.

A considerable addition has been made to these laboratories during the year. Apparatus for the working of about twenty experiments in General Physics has been secured. Particular mention may be made of chemical balance, spectroscope, etc., imported for the Chemistry de-

partment, also the Leed's d'Arsonval galvanometer, Queens resistance box, etc., for the physics work.

The Biological Laboratory is well supplied for the work in preparatory classes, and fairly well for the advanced work. The college has good compound microscopes, physiological apparatus, hand lenses, and dissecting tools, as well as the usual chemical reagents. A hand microtome and camera lucida adds much to the value of the equipment.

The Astronomical Department owns a refracting telescope, focal length four feet, objective four inches in diameter, with two eyepieces, one magnifying 225 diameter. It is equatorially mounted on a tripod with alt-azimuth circles.

Library.—The library contains some 3500 catalogued books and pamphlets and nearly as many unbound magazines. Three general encyclopedias are accessible to the students and a history encyclopedia. Three full catalogues—accession, author and title—are kept and in addition, a card catalogue by author and title has been prepared, and in part a "special subject" card catalogue. New cards and subjects are being constantly added. The Smithsonian reports and other volumes in science have especially been made accessible in this last catalogue and during the past year a considerable amount of magazine literature has been topically arranged.

Some 200 or more volumes, in part general literature, and in part special works for collateral reading in the departments of English, Economics, Ethics and Philosophy, Pedagogy and Language, have been added during the past year. The college possesses nearly a complete set of the official state publications of Kansas. Through the library final provision is made for constant additions of current literature and special scientific and departmental publications.

A missionary library case has been placed in the library, containing volumes of the best missionary literature.

Through the kindness of publishers and others or by subscription, the reading tables have been supplied with a number of magazines and other periodicals. Among them have been the following: Review of Reviews, World's Work, McClure's, Pearson's, Success, Delineator, Woman's Home Companion, Century, Cosmopolitan, Saturday Evening Post, Collier's, Scientific American, Circle, United Presbyterian, Christian Instructor, Presbyterian, Western School Journal, Lyons Republican, Lyons Eagle, Central Kansas Democrat, Barton County Democrat, Sterling Journal, Christian Stateman, American Economist, Advocate of Peace, Our Dumb Animals, Kansas City Star and Times, Topeka Capital.

The high school and college publications received by the Cooper Courier have also been placed on the reading table by the editors.

The Sterling Public Library is also available to students. Through the courtesy of the Sorosis ladies' club, a ticket to this library has been given for use of the college. This library contains 2000 or more volumes and is an excellent selection of current and standard literature. The best of recent publications in fiction and science are added each year.

College Organzaitions.

The Y. M. C. A and Y. W. C. A.—These two societies form the students organizations for Christian work. LeRoy Kaufman is president of the former, and Miss Blanche Adair of the latter. Prayermeetings are held each week. Twelve from these associations have signified their intention to become foreign missionaries.

The Chrestomatheon and Theomoron Literary Socie-

ties are the student organizations for literary work. The Chresto society was organized in 1888; the Theo in 1894. Each has a fine hall, beautifully finished and furnished. The members take pride in providing the best equipment. Each society owns an excellent upright piano and music is a feature of each week's program. Medals are presented the members of the graduating class by their respective societies. These societies afford superior opportunities for literary training.

Athletics.—The Athletic Association has the management of intercollegiate football, basket ball and baseball. Student managers are elected for the various teams and the oversight of all athletics is vested in a board of control composed of members of the Faculty together with the officers of the Athletic Association. The athletic park is in the College Campus, and during the past year has been remodeled and a good one-fourth mile track has been built. The Association is a member of the State Athletic Association and participates in the state track meet.

The Alumni Association meets each year during commencement week. A banquet is an enjoyable feature of the close of the academic year. The Alumni have been active in forwarding the interests of the college. The officers of the Association are: Wilda Spencer, president; Dr. Marion Trueheart, vice president; Sarah Squire, recording secretary; Stella Dougherty, corresponding secretary; Rev. John U. Brush, treasurer.

The Cooper Courier is distinctively the student paper. It is published monthly, and this year completes its fifteenth volume. The editors are chosen annually by the students. The Courier has uniformly maintained a reputation of high standard.

The editorial staff for the past year is as follows: M. S. McMillan, '08, Editor-in- chief; Eula Spencer, '08, Lo-

cal Editor; Houston Buchanan, '10, Exchange Editor; A. K. Stavely, '07, Athletic Editor; Anah Sanders, '07, Alumni Editor; Albert R. Moorhead, '08, Business manager.

The Cooper Quarterly is published by the faculty as a bulletin of information of the departments, courses, lectures, changes, quarterly, notes, etc. It is sent free on request.

The Tenth Inter-Society Contest occurred on December 13. The Chrestomatheon Society was represented by T. C. Oyler and Eula Spencer, debaters; Blanche Adair, orator; Clara Gailey, essayist; Bessie Smith, declaimer. The Theomoron Society was represented by A. K. Stavely and D. H. Buchanan, debaters; M. S. McMillan, orator; Margaret Gault, essayist; and R. W. Lindsay, declaimer. The Chrestomatheons won the declamation and essay; the Theomorons won the oration and debate.

A Prohibition Contest was held in March. R. W. Lindsay won first place in this contest and represented Cooper in the State Contest at Baker and won fourth place there.

The Fifth Annual Bible Reading Contest was held in April. Elma Gailey won first place, Warner Tyler, second; Charles Wilson, third; and D. H. Buchanan, fourth. Mr. J. P. Tracy, of Chicago, has been a generous supporter of these contests. These contests are doing much to familiarize the students and others with the high type of literature contained in the Bible. They have been well attended and have aroused much interest.

Lecture Course.—A lecture course is maintained jointly by the college literary societies and the city high school. During the past year the following numbers were given: Cremona Ladies Orchestra; Ralph Parlette, lecturer; Chicago Glee Club; Geo. R. Wendling, lecturer; Dixie Jubilee Singers; Laurant, magician; James Hedley, lecturer.

The Volunteer Band was organized a year ago with

about twenty members. Regular meetings have been kept up during the year, on alternate Wednesday afternoons, and have been well attended. They have been open to all who are interested in the study of Missions. The officers are: President, Mary Adams; vice-president, M. S. McMillan, secretary and treasurer, Houston Buchanan.

General Information.

Government.

The government of the college is paternal. Good behavior and earnest application to study are considered necessary on the part of all connected with the institution. No published rules are furnished, but students are expected to comply with all regulations deemed necessary by the Faculty. The President is the executive of the Faculty to enforce these regulations. Reports will be sent to parents or guardians at the end of each semester.

The College Year.

For some time, the college year has consisted of forty weeks, divided into two semesters of twenty weeks, and each of these subdivided into two terms of ten weeks. In order to co-ordinate more closely with the State University and with other denominational colleges of the State, the system adopted by these institutions has been accepted. In order to adapt our work to this system, the college year has been reduced to thirty-seven weeks, divided into two semesters. The first semester will have eighteen weeks, and the second will have eighteen weeks for class work and commencement week, or nineteen in all. The college year will commence a week later, two weeks vacation will be given at Holidays instead of one and college will close a week earlier. This will give two weeks longer for young men to earn money in the summer vacation.

College Credits.

In the new system, all recitations will be one hour in length, both in the preparatory and in the college proper. A "unit" in the preparatory department is a recitation, an hour long, four times a week, throughout the entire year. Fifteen such units are required for graduation in this department, though a student may enter the Freshman class conditionally with but twelve such units. In the college department, the "unit" is one recitation per week, an hour long for eighteen weeks or one semester. For graduation with the degree A. B., one hundred and twenty such units are required.

The College Course.

The entire course of study, as thus laid out, requires eight years, four in the preparatory department and four in the college proper. Strong students, however, can complete the course in seven years. Many of our students come from the farm and are more mature than the average high school students, and are willing to carry heavier work. Such students can readily complete the course in seven years. They will be allowed to do so.

Free Scholarships.

Free scholarships are offered to graduates, class of 1907, of any accredited high school in the state as follows: To the student taking first rank, a scholarship for one year; second rank, one semester.

College Dues.

Tuition.

Tuition for a semester of eighteen weeks, \$16.00; incidental fees per semester, \$2.00; total regular fees per semester, \$18.00. These fees are due on the first day of each semester. If not paid the first week, the total fees will be \$19.00. All fees must be paid before the name is entered on the class roll. Tuition paid for less than one semester will be at the rate of \$1.00 per week. The incidental fees for one-half the semester, or less will be \$1.00. Only in case of protracted sickness will fees be returned. For one subject, half tuition will be required. For two subjects, in literary and normal work, full tuition will be required.

Special Fees.

Fee for graduation in any literary course.....	\$5 00
Fee for special examination.....	1 00
Fee in each preparatory science, per semester.	1 00
Fee in college course for chemistry 1, 2, 3, 4..	4 00
Fee in college course for chemistry 5.....	5 00
Fee for physics 3, 4.....	2 00
Fee for Botany and Zoology.....	2 00
Fee for Physiology II.....	1 00
Fee for Geology.....	1 00

Library fee, 50 cents per semester.

Athletic fee, 50 cents per semester.

A deposit of \$2.00 is required of all students who take science work in the preparatory department, and of \$5.00 of all students who take science work in the college, for breakage and waste.

Tuition in the Commercial Department will be \$24.00 per semester, or \$5.00 per month for less than a semester.

No student admitted for less than one month. Typewriter rent for one recitation period per day \$1.00 per month.

Indian and Negro Scholarships.—A fund given by Mr. Wm. McCracken, of Sunnydale, Kan., provides all tuition and fees and some other expenses of bright young people of these two races. Inquiry may be made of the President.

Rooms and Boarding.—Wilson Hall under the management of the Misses Linnie and Morna Wright, is situated one block south of the college. Rooms in this building can be had for \$1.00 per week. These rooms are large, airy and well furnished. Students are expected to furnish their own towels.

Many of the students rent rooms and take their meals in clubs. Furnished rooms, 50 cents per week for each person when two occupy a room.

Table board in clubs has been from \$2.00 to \$2.25 per week. Board and lodging in private families from \$3.00 a week up. Houses for rent and rooms for self board at about \$2.00 per room each month.

It is the constant aim of the college to keep expenses down to the minimum consistent with good health, first class facilities and the best working power of students.

A careful estimate has been made of all necessary college expenses for one year of 37 weeks to be, with self board \$100, with club board \$150, and with private board \$200. To this personal expenses must be added.

Self Help.—Some opportunities for earning a part of college expenses by work occasionally may be had both for boys and girls. Those wishing to secure such help should write early and definitely to the President.

Regulations.

Admission.—Students are admitted to the first year of the Preparatory Department on registering and filling out the enrollment blank furnished them.

For Advanced Standing, the student is required to furnish evidence that he can carry the subjects called for, produce a certificate from a recognized High School or College, or to pass an examination on preceding subjects in the course.

Registration.—Each student is required to register at the beginning of each semester, giving such information concerning himself and the work desired, as the Faculty may request. No student is entitled to any credits until he has registered.

Reports.—Grades are made up at the end of each semester. At the close of each semester a report of the student's attendance and grades is sent to the parent or guardian.

Absences.—Students are required to make up the work of recitations from which they have been absent by written test or special recitation within a week of the date of absence. No student having absences not made up is entitled to credits in the subject.

Number of Subjects.—No student is permitted to take less than three or more than four daily subjects in the Preparatory Department or more than three in the College Department at one time except by the vote of the Faculty. Students may choose subjects not in the regular order of their courses only by permission. No student will be allowed to leave a class, having once enrolled, without express vote of the faculty.

Public Exercises in recitation, oration or essay may be assigned to student in regular college classess once each year.

Examinations are held upon the completion of a subject. In determining the final grade upon any subject the average recitation grade and the examination grade count each one-half. Other examinations may be held at such times as the professor in charge may determine. Should a student desire an examination at another time than that of a regular examination, or that appointed by the professor in charge, it may be obtained by the consent of the professor in charge and the payment of a fee of one dollar.

College of Liberal Arts.

Entrance Requirements.

Entrance to the Freshmen class may be obtained either by examination or by certificate of graduation from one of the accredited High Schools of the state, or by completing the Preparatory course of the college.

Students desiring admission by examination should present themselves on the day preceding the opening of the college in September, or at the opening of any of the other terms.

A certificate of satisfactory work done in any of the accredited High Schools of the state entitles the student to entrance credit in the subjects covered. Instead of presenting a diploma, the student should present a statement from the superintendent of the school, showing the subjects in which he has done satisfactory work. No entrance credit can be filed with the registrar until this is done.

Preparatory work in the college or in an accredited High School is estimated in terms of the "entrance unit." A subject (like Latin, for instance) running one year of thirty-five weeks, five recitations per week, with at least forty minutes for each recitation, or four recitations per

week of one hour each constitutes one entrance unit. In computing entrance units, the laboratory period should be twice the length of a recitation period.

For unconditional admission to the college, fifteen units are required. Students may enter college conditionally with a temporary deficiency of not more than three units. Entrance conditions must be removed as soon as possible, and in all cases before the Junior year. Only as a special student can any one be permitted to take college work, who lacks more than three units.

In making up deficiencies in college work, a "college unit," i. e., five hours a week for one semester is considered equivalent to an "entrance unit" as above defined.

Subjects for Admission.

The subjects from which entrance work may be offered, together with the number of units, are arranged in six groups, as follows: for unconditional entrance, a total of fifteen units must be offered.

GROUP I—English. English, four units. Three units are required.

GROUP II—Mathematics. Elementary algebra, one and one-half units; Plane geometry, one unit; Solid geometry, one-half unit; Plane trigonometry, one-half unit; Advanced algebra, one-half unit. The elementary algebra and plane geometry are required.

GROUP III—Foreign Languages.* Latin, four units; Greek, three units; German, three units; French, three units. Of these, three units are required, which must be, first, in Latin, or, second, in German.

GROUP IV—Physical Sciences. Physical geography, one unit; Physics, one unit; Chemistry, one unit. One unit is required.

GROUP V—Biological Sciences. Botany, one unit; Zoology, one unit; Physiology, one unit. One unit is required.

GROUP VI—History. Greek and Roman, one unit; Mediæval and modern, one unit; English, one unit; American, one unit; Economics, one unit. One unit is required.

Of the above fifteen units, eleven and a-half are prescribed by group; the remaining three and a-half units

may be chosen without restriction. These required units are: three units of English, three of either Latin or German (not a combination of the two), two and one-half units of Mathematics; two units of Science work and one of History; the remaining three and one-half units may be selected from the six groups without restriction.

The above requirements are identically the same as those required for admission to the State University. When a student has done the work prescribed in the approved course of study in any fully accredited high school of the state, he can enter Cooper College unconditionally.

Requirements for Graduation.

To secure the degree of Bachelor of Arts the student must complete 120 hours' work. One recitation or two hours in the laboratory is counted as one hour's work. Ten hours' work in music, elocution or drawing may be credited on the course, if the work is of college grade; but all work so credited must be done in the departments of this college.

During the Freshmen and Sophomore years sixty hours' work must be completed. Five hours' work is called a college unit. Twenty eight units are required by group in the preparatory school and college. Twentythree of these units must be completed before the Junior year. The remaining units necessary for graduation are elective. The student chooses a major in which he must complete thirty hours of college work, then with the consent of the head of the department in which the major was chosen he selects two minors of ten hours each. The

remainder of the work is elective, subject to the approval of the department in which the major is taken.

If possible the major work should be chosen during the Sophomore year.

Courses Required for Graduation.

All candidates must complete the following twenty-eight units:

English.....	4 units
Foreign Language.....	6 units
Mathematics.....	4 units
Physical Science.....	4 units
Biological Science.....	3 units
History and Economics.....	3 units
Philosophy.....	1½ units
Elocution.....	2 hours

Courses Required of Freshmen and Sophomores.

The following courses must be completed before the Junior year. Of these, English 4 must be taken by Freshmen:

English 4; Foreign Language, 10 hours; Mathematics, 5 hours; Chemistry, 5 hours; History, 5 hours.

Electives for Freshmen.

Freshmen may take work from the above required studies to make 15 hours, or by combining required studies with any of the following electives: Latin 1, 2, 3, 4, 5, 6; German 1, 2, 3, 4; Greek 1, 2, 3, 4; Botany 1, 2, 3; Zoology 1, 2; Mathematics 3, 4, 5, 6; Chemistry 1, 2; History 1, 2, 3, 4; Bible 3, 4.

Electives for Sophomores.

Sophomores must finish all courses required of Freshmen and Sophomores, and may make up the remaining

hours from the following: Latin 3, 4, 5, 6, 7, 8; Greek 1, 2, 3, 4, 5, 6; German 1, 2, 3, 4, 5, 6; Chemistry 1, 2, 3, 4; Physics 3, 4; Zoology 1, 2, 3; Botany 1, 2, 3; Physiology 2; English 5, 6, 7; History 2, 3, 4, 5; Bible.

Junior and Senior Work.

The student must complete all regular studies, all major and minor work, and in addition work to make a total of 120 hours.

Amount of Work.

No student may enroll for less than 14 or more than 18 hours' work, but all applications for enrollment are subject to approval of Faculty. Fifteen hours' work is counted as regular work, but three additional hours may be taken on approval of faculty, if the student secures a grade of 1 in all regular work.

DEPARTMENTS OF STUDY.

Bible.

1. Introductory course in the Old Testament. A study of the Old Testament. Required of First Year Preparatory students. Two hours throughout First Year Preparatory.

2. Introductory course in the New Testament. Intended to familiarize the student with contents of New Testament. Two hours throughout the second year Preparatory.

3. History of the New Testament Church. Two hours, first semester. As given in New Testament and Modern History including the development of Foreign Mission Work.

4. Evidences of Christianity. Three hours, second semester. External Evidences, Miracles and Prophecy; Internal evidences, the power of the word on the death and life.

Biological Science.

PROFESSOR COUCH.

Botany

1. *Botany*.—Four hours, one year. An introductory course. Recitations, laboratory work and field excursions. Second year Preparatory.

2. *Botany*.—Plant Histology. Five hours, first Semester. Plant tissues are studied with special reference to their development and functions. Thesis required, reading and recitations. The necessary microscopes and reagents are supplied. Open to all students who have had Botany I and Chemistry I. Alternate with Course 3.

3. *Botany*.—Plant Physiology. Five hours, first semester. Laboratory work. Special topics assigned each student. Open to all students who have had Botany I and Chemistry I. Alternate with Course 2.

Zoology

1. *Zoology*.—Five hours, first semester. An introductory course in general Zoology. Laboratory work and recitations, with lectures upon habits and distribution.

2. *Zoology*.—Five hours, first semester. A course in invertebrate Zoology with special study of local fauna. The Museum furnishes a wide range of marine specimens. Zoology I required. Alternate with Course 3.

3. *Zoology*.—Five hours, First semester. A study of typical chordates. Laboratory work, recitations and reading. Thesis required. Zoology I required. Alternate with Course 2.

4. *Zoology*.—Five hours by appointment. Mammalian anatomy and osteology: a study of the human skeleton. Laboratory dissection of mammals.

Physiology

1. *Physiology*.—Four hours, one year. A preparatory course in human physiology. Recitations and laboratory work.

2. *Physiology*.—Five hours, Second semester. Advanced course in human physiology Laboratory work and recitations. Thesis required. Required of all candidates for the degree of Bachelor of Arts.

Education.

MISS DUFF.

1. *History of Education*, three hours, first semester. Texts used, Painter and Boone; library readings required; survey of educational systems of both ancient and modern nations; typical movements in education; the great educators; development, purposes and ideals of different systems, and their realization in school organization and methods; the educational history of the United States; modern tendencies.

2. *School Law*, two hours, first semester. The pro-

vision of Kansas law relating to school maintenance, supervisions, organization and administration. Comparison with laws of other States; National aid; special State and city systems; library readings.

3. *General Method*, two and one-half hours, first half second semester. Library readings; theory of recitation; the formal steps in instruction, preparation (analysis,) presentation (synthesis,) comparison (association, abstraction,) generalization (system, definition,) application; the laws of instruction, induction, apperception, aim, self-activity, absorption and reflection, motor activity, interest, correlation. How to correlate the arts of study, learning and teaching.

4. *School Management*, two and one-half hours, second half of second semester. The problems of public school, organization, program, grading, promotions, examinations, class management, discipline, incentives, employments, co-operations, qualifications and duties of teachers, school boards and duties, buildings and their equipment, school hygiene, moral training, loose and close supervision. Library readings.

5. *Philosophy of Education*, three hours, second semester. Based on Rosenkranz's text, a careful study of principles underlying the science and art of teaching; the nature, form and limit of education; the principles governing physical, intellectual and moral education and their practical application to the various stages of the child's development. Psychology is prerequisite.

Economics.

PROFESSOR BELL.

Economics—5 hours, Second Semester.

The work during the past year has been based on Walker's Advanced Course and Seligman's Principles of

of Economics with reading from Jevon's Money and the Mechanism of Exchange, White's History of Money and Banking in the United States, Clark's Distribution of Wealth and Adams and Sumner's Labor Problems.

English.

MISS DUFF.

1. *Grammar and Composition*.—Four periods weekly throughout the first preparatory year.

2. *Rhetoric*.—Four periods weekly on gramatical constructions—capitalization, punctuation, construction of sentences and paraphrasing. The text book used merely as a guide.

3. *Classics*—The required work is a knowledge of English and American Literature with the reading uniformly accepted by all colleges. Sir Roger de Coverly Papers from the Spectator, Colridge's Ancient Mariner, Tennyson's Idylls of the King, Lowell's Vision of Sir Launfal, Goldsmith's Vicar of Wakefield, George Eliot's Silas Marnar, Milton's Lycidas, L'Allegro Comus and Il Penseroso, Burke's Conciliation, Macaulay's Essays on Milton and Addison, Scott's Ivanhoe and Lady of the Lake, Carlyle's Essay on Burns, Shakespeare's Macbeth, Julius Cæsar and Merchant of Venice.

Four hours throughout the year.

4. *Critical English*—Narration, argument, descriptive short story and essay. 3 hours, 1st semester; 2 hours, 2nd semester.

5. *History of English Literature*—Study of important periods to the 18th century. 5 hours, 2nd semester.

6. *History of English Literature*—Study of rise of essay and development of novel. 5 hours, 2nd semester.

7. *Nineteenth Century Literature*—Work in both verse and prose. Wordsworth, Keats, Shelly, Tennyson, Browning, Ruskin, Carlyle, Arnold. 5 hours, 1st semester.

3. *Shakespeare*.—A critical study of four plays, with a study of the Chronological order of his plays as given by Dowden. Three hours, 2nd Semester.

9. *Philology*.—By appointment. Lectures are given in which a general view of the language is given, showing something of the relationship of the member of the various families of speech. A sketch is given of the history of the English language and of the cause which bring about change. Professor Wilson.

Geology.

PROFESSOR COUCH AND MR. NASH.

1. *Physical Geography*.—Four hours first year preparatory. A study of the earth, its relation to the universe; ground water, stream work; glaciers and their work; the atmosphere; the ocean; etc. Recitations, laboratory and field work.

2. *Geology*.—Five hours, Second semester. A course in structural, dynamical and historical geology. Some study of Kansas geology. Identification of rock and minerals. Thesis required. Open to Juniors and Seniors.

German.

MISS SELLARDS.

1. *Beginning German*.—Four hours, First and Second Semester. Otis and Carruth's German grammar and reader. Exercises in reproduction of the text and conversation. One or two of the smaller classics—Storm's *Immensee* or Gerstacker's *Germelshausen*.

2. *Schiller*.—Five hours, First Semester. Life of Schiller, Wilhelm Tell and Marie Stuart.

3. *Composition*.—Three hours, Second semester. Jagemann's *German Syntax* and Bernhardt's *Composition*.

4. *Schiller*.—Two hours, Second semester. *Die Jung*

frau von Orleans.

5. *Lessing*.—Five hours, First semester. Life of Lessing and study of Nathan Der Weise and Emilia Galotti.

6. *Goethe*.—Five hours, Second semester. Egmont, Hermann and Dorothea and Iphigenie. Outside reading and papers.

Greek, Language and Literature.

PROF. WILSON.

In all the Greek Courses it is the aim, a good foundation in the grammatical principles of the language having been secured, so to study the authors that there may be appreciation of their thought and literary excellence.

I. *Beginning Greek and Anabasis*. Book I—Careful attention is given to paradigm and conjugations and the fundamental principles of Syntax, the pronunciation reading and translation of the lessons in White's First Greek Book and Book I of the Anabasis. Four hours, First and Second semesters. Preparatory Course, but students entering Freshmen class without conditions will be given college credits on this course.

II. *Anabasis*. Books II-IV.—The essential points of inflection and syntax thoroughly reviewed. Five hours First semester.

III. *Homer's Iliad*, Books I-IV.—Translation together with some study of Mythology, Greek Archaeology and the structure of Epic poetry. Five hours, Second semester.

IV. *Memorabilia*. Books I-IV.—Study of the life and times of Socrates and the principles of his philosophy. Five hours, First semester.

V. *Greek Testament*.—One of the Gospels is read and such of the epistles as time allows. Three hours, Second semester.

Courses 1-5 are required of students who choose Greek as their major study. The following elective courses are offered.

VI. *Demosthenes, DeCorona*.—Greek Orators and Oratory, The Courts of Law, Thesis. Three hours, First semester.

VII. *Plato's Apology and Crito*.—Special study of the thought. Three hours, Second semester.

VIII. *Euripides, Prometheus Bound*.—Study of, Grecian Dramatic Art. Three hours, First semester.

IX. *Aristophanes, Clouds*.—Study of Greek Comedy. Three hours, First semester.

History.

MISS SHIELDS.

1. *Greek and Roman*.—Four hours throughout entire year. Third year preparatory. Required of all students.

2. *English History*.—Five hours, First Semester. The work of English History includes the thorough study of Montgomery's English History. Gardner's Atlas of English History is used to give necessary knowledge of the geography. In addition to the study of the text book, students are required to use the library for investigation.

3. *Mediæval History*.—Five hours work, Second Semester. History of Europe from Fall of Rome through French Revolution, with special emphasis on Fall of Roman Empire and organization into modern national states. Open to all students who have had English, Greek and Roman.

4. *American History*.—Five hours, Second semester. General course in discoveries, settlement and colonization of thirteen colonies. The various problems that concern development of U. S. with special stress on conditions before Civil War and reconstruction. Channing text. Library reading and reports required. Open to all students.

Latin, Language and Literature .

PROF. WILSON, MISS SELLARDS.

The Latin courses are intended to give exercise in the study of the different styles of literature at the period of highest development of the language and to show the indebtedness of the English language and life to the Latin.

1. *Beginning Latin and Caesar's Gallic War, Book I*, grammar and reader.—The Roman system of pronunciation is used. Study of English derivations. Four hours, First and Second semester. Prof. Wilson.

2. *Caesar*.—Four hours, First and Second Semester. Books II-IV inclusive or their equivalent. Thorough drill in uses of cases and modes. Prose composition once a week. D'Ooge's text. Mary Sellards.

3. *Cicero*.—Four hours, First and Second semester. Four orations against Catiline. Oration for the Manilian law and Port Archias. Prose composition once a week. D'Ooge's text. Mary Sellards.

4. *Virgil*.—Four hours, First and Second semester. First six books of the *Æneid*. Study of mythology and Latin prosody. Mary Sellards.

5. *Livy*.—Three hours, First semester. Books XXI and XXII.

6. *Cicero's Letters*.—Two hours, First semester. *De Senectute* and *De Amicitia*. Mary Sellards.

7. *Horace*.—Five hours, Second semester. Odes and Satires. Roman life and thought as indicated by the poems. The Augustan age. Thesis. Prof. Wilson.

8. *Tacitus*.—Five hours, First semester. *Germania* and *Agricola*, The Silver Age, Historical Studies, Thesis. Prof. Wilson.

9. *Plautus and Terence*.—Five hours, Second semester. Selected comedies. Prof. Wilson.

Mathematics.

PROFESSOR BELL.

1. *Elementary Algebra*.—Four hours, first year preparatory and first semester second year preparatory.

The course consists of the four fundamental operations of algebra, factoring, highest common factor and least common multiple, fractions, simple equations, simultaneous equations, radicals, theory of exponents, ratio and proportion, binomial theorem, progressions.

2. *Plane Geometry*.—Four hours, second semester of second year preparatory and first semester of third year preparatory.

The work comprises a careful study of the first five books of Phillips and Fisher's textbook.

3. *Solid Geometry*.—Four hours, second semester third year preparatory.

A careful study of books six, seven, eight and nine of Phillips and Fisher's textbook.

4. *College Algebra*.—Three hours, both semesters.

Review of radicals, exponents and quadratic equations, graphical representation, logarithms, permutations, continued fractions, determinants, theory of equations.

5. *Plane Trigonometry*.—Two hours, both semesters. The work is based on Wentworth's textbook.

6. *Spherical Trigonometry*.—Two hours, second semester. The work is based on Wentworth's textbook.

7. *Analytic Geometry*.—Two hours, both semesters. Study of straight line, circle, parabola, ellipse, and hyperbola. A short study of the higher plane curves is appended. Wentworth's textbook.

8. *Differential Calculus*.—Three hours, first semester. Differentiation, development of rules for differentiating standard elementary forms, simple applications of the derivative, successive differentiation, maxima and

minima, indeterminates, applications to geometry and mechanics. Granville's Calculus.

9. *Integral Calculus*.—Three hours, second semester. Integration, definite integrals, successive integration, applications. Granville's Calculus.

10. *Astronomy*.—Five hours. The work is based on Young's General Astronomy.

Philosophy.

PRESIDENT SPENCER and MISS SHIELDS.

1. *Elements of Psychology*.—1st semester, 5 hours. This course is designed to explain elementary problems of mental phenomena. It is expected to be of special value to those who expect to go on with courses in philosophy and also for students of physiology. Consciousness, thought, reason, attention and intuition are investigated.

"James" Psychology and "Porter's Intellectual Science" are used as texts. Required of all seniors.

2. *Ethics*. 5 hours, 2nd semester. This course will include a review of Greek and early Christian ethical theories. Then brief survey of modern conceptions of life. The program includes a study of the following subjects: emotions, conscience, will, highest good, egoism and altruism, virtue, character, justice and right. Paulsen's System of Ethics will be used as reference. Hickok's Moral Science regular text, should be preceded by psychology. Required of all candidates for Bachelor's degree.

3. *Logic*.—3 hours, 1st semester. The design is to enable students to understand all the more general forms of reasoning. Jevon's Hill text is used.

Open to Juniors and Seniors. Required of candidates for Bachelor's degree.

4. *History of Philosophy*.—3 hours, 2nd semester. This course opens with study of Greek thinkers and re-

views movements of thought through the modern school of philosophy. Schwegler's text is used, supplemented by assigned readings in histories and in the author's studies.

Open to Seniors.

Physical Science.

MR. NASH.

Chemistry.

1. *General Chemistry*.—Five hours, first semester. A study of the history and properties of chemical elements and their important compounds. Required of Freshmen or Sophomores.

2. *Advanced Inorganic Chemistry*.—Five hours, second semester. A continuation of Course 1. Open to all students who have completed Course 1.

3. *Qualitative Analysis*.—Four hours, first semester. Recitations, lectures and laboratory work, eight hours per week. Text, Bailey & Cady's Guide to the Study of Qualitative Analysis. Open to students who have taken Course 2.

4. *Qualitative Analysis*.—Four hours, second semester. A continuation of Course 3.

5. *Qualitative Analysis*.—Five hours, first semester. Lectures and laboratory work must be preceded by Courses 3 and 4.

Physics.

1. *Elementary Physics*.—Four hours, first semester. An elementary course in mechanics and heat. Text, Millikan & Gales' First Course in Physics. Must be preceded by Mathematics 1 and 2. Fourth year preparatory.

2. *Elementary Physics*.—Four hours, second semester. Electricity, light and sound. Fourth year preparatory.

3. *Mechanics, heat and light*.—Five hours, first se-

mester. Recitations three hours, laboratory work four hours. Open to college students who have completed Courses 1 and plane trigonometry.

4. *Sound, Magnetism and Electricity*.—Five hours, second semester. Requirements same as Course 3.

Public Speaking.

MISS CAPPER.

The purpose of this department is to teach the student the fundamental principles of expression, thus endeavoring to prepare him to easily and forcibly express his thoughts, feelings and purposes and to interpret the thoughts and emotions of others given in the best literature.

The work of most other departments is that of accumulating knowledge. This department, while not neglecting this, emphasizes the ability to give, thus enabling one to use effectually whatever knowledge he may possess.

The work is strictly scientific and practical and in line with approved modern pedagogical methods.

All mechanical work is avoided and the pupil is encouraged to express himself in accordance with natural law.

Interpretation and Expression.—2 hours, 1st semester. Required. Tuition free. The text books used are "Cum-nock's Choice Readings" and Marshland's text on Public Speaking.

1. *Voice Culture*.—During this semester instruction is given in management and regulation of the breath; the most approved method of acquiring a distinct articulation; the function of the Natural and Orotund Voices; development of the voice with regard to force, stress, pitch, melody, emphasis and pronunciation; the fundamental

principles of gesture and their application.

2. *Oratory*.—At no time in the history of education has the need of ability to speak been so apparent as now. To prepare for the opportunity and necessity of public speech is the aim of a course in Oratory. The instruction in this study will be in harmony with the latest thought of masters in the art of public speech. The laws of thought will be studied and exemplified, as well as laws of vocalization. The excellencies of oratorical address will be illustrated in the study of expression of masterpieces of English and American eloquence.

3. *Interpretation*.—All technique is necessary but far more necessary is the education of the sensibilities. Every effort is put forth in the education of the sensibilities, through the cultivation of the perceptive faculties and the imagination. A cultivated imagination that creates and reveals the scene as perfectly to the soul as the natural eye could reveal it to the mind, is the secret and source of all eloquent and expressive speech, join this to a regulated judgment and with an underlying technical drill, you have the combination that unlocks every door that leads to successful reading and speaking. Interpretations of the best authors will be studied in the different styles of reading, as common reading, pathos, humor, gayety, solemnity, dramatic, abrupt and startling styles. The practical results expected from this semester's training are: An elegant and refined pronunciation of the English tongue, absolutely distinct utterance, flexible and melodious voice, development of the sensibilities, by which correct, instant and vigorous emotional expression, responsive to the thought may be awakened.

PRIVATE INSTRUCTION.

Two lessons per week, half hour periods, each semester (18 weeks, 36 lessons), \$20.00.

SCHEDULE OF RECITATIONS.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:00 to 9:00	1 Latin 2 Latin 1 History 1-2 Physics 4 Mathematics 5-6 English 2 Botany 1st half	1 Latin 2 Latin 1 History 5 Mathematics 5-6 English 3-4 Physics 2 Botany 1st half	1 Latin 2 Latin 1 History 4 Mathematics 1-2 Physics 5-6 English 2 Botany 1st half	1 Latin 2 Latin 5 Mathematics 5-6 English 3-4 Physics 2 Botany 1st half	1 History 4 Mathematics 5-6 English 3-4 Physics 2 Botany 1st half
9:00 to 10:00	1 Mathematics 1-2 Physics 4 English 4-5 Greek 2 Botany 1st half 2 Physiology 2nd half 1 Philosophy 1st half Ethics 2nd half	1 Mathematics 3 Latin 1-2 Physics School Law 1st half Philosophy of Education 2nd half 4 Greek 1st half 2 Botany 1st half 2 Physiology 2nd half 1 Philosophy 1st half Ethics 2nd half	3 Latin 1-2 Physics 4 English 4-5 Greek 2 Botany 1st half 2 Physiology 2nd half 1 Philosophy 1st half Ethics 2nd half	1 Mathematics 3 Latin 1-2 Physics School Law Philosophy of Education 2nd half 4 Greek 1st half 2 Botany 1st half 2 Physiology 2nd half 1 Philosophy 1st half Ethics 2nd half	1 Mathematics 3 Latin 4 English 1st Philosophy of Education 2nd half 4-5 Greek 2 Botany 1st half 2 Physiology 2nd half 1 Philosophy 1st half
10:00 to 10:20	CHAPEL HOUR				

10:20 to 11:20	1 Zoology 8 Mathematics 4 Latin 7-8 Latin Logic 1st half Evidences 2nd half	Physical Geography 1 Zoology 2 English 4 Latin 7 Mathematics 3 Bible 7-8 Latin	Physical Geography 8 Mathematics 2 English 1 Zoology Logic 1st half 7-8 Latin Evidences 2nd half	Physical Geography 2 English 1 Zoology 4 Latin 7 Mathematics 3 Bible 1st half 7-8 Latin	Physical Geography 2 English 4 Latin 8 Mathematics Logic 1st half Evidences 2nd half 7-8 Latin
11:20 to 12:20	2 Mathematics 1 Zoology 3 English 2-3 German 2-3 Greek 2-3 History	Physical Geography 2 Mathematics 1 Zoology 3 English 2-3 German 2-3 Greek 2-3 History	Physical Geography 2 Mathematics 1 Zoology 3 English 2-3 German 2-3 Greek 2-3 History	Physical Geography 1 Zoology 2-4 German 2-3 Greek 2-3 History	2 Mathematics 3 English 2-3 German 2-3 Greek 2-3 History
2:00 to 3:00	1 English 1 Botany 3 Mathematics 1 German 1 Greek 1-2 Chemistry 4 History	3 Mathematics 1-2 Chemistry 4 History	1 English 1 Botany 1 German 1 Greek 1-2 Chemistry 3 Mathematics 4 History	1 English 1 Botany 1 German 1 Greek 1-2 Chemistry 4 History	1 English 1 Botany 1 Mathematics 1 German 1 Greek 1-2 Chemistry 4 History
3:00 to 4:00	1 Botany 1-2 Chemistry History of Education 1st half Methods and Man- agement 2nd half	1-2 Chemistry History of Education 1st Half Methods and Man- agement 2nd half	1 Botany 1-2 Chemistry History of Education 1st half Methods and Man- agement 2nd half	1 Botany 1-2 Chemistry History of Education 1st half Methods and Man- agement 2nd half	1 Botany 1-2 Chemistry History of Education 1st half Methods and Man- agement 2nd half

Courses for which no hours have been assigned will be arranged at opening of the semester. For description of courses see preceding pages. Numbers indicate courses.

One lesson per week, each semester, (18 weeks, 18 lessons), \$10.00.

By the lesson 60 cents.

Tuition must be paid in advance. No lesson made up except in case of sickness. In the private instruction the same line of work will be carried on in a more advanced form, dramatic art and presentations, didactic reading and personation. In the more advanced work the results to be expected will be the acquisition of a thoroughly artistic form in the reading of narrative, descriptive and didactic styles also in the delivery of orations, the ability to analyze and interpret at sight, any selection of varied expressions, and the power to entertain and please an audience.

Normal Department.

The Normal Department is designed to give a thorough preparation for teaching, and to meet the demands for competent and professionally trained teachers. Normal students receive the same careful attention, and enjoy the same privileges accorded students of the other departments. Stress is laid upon mastery of the common school branches, and upon thoroughness.

Entrance Requirements are as follows: Those entering to pursue regular work must present certificates of graduation from common school work, or give satisfactory evidence of being able to take the course. Candidates for advanced standing in this department must take examination in those subjects for which credit is desired; or present a first or second grade, or professional county teacher's certificate covering those subjects; or present official evidence of having satisfactorily completed such subjects in an accredited school. Passing grades in the Normal Department must be 80 per centum, with the exception that in Spelling they must be 90 per centum.

Time of Admission.—Students can enter at the beginning of any term, and will usually find classes suited to their advancement. To meet the needs of teachers and those preparing to teach, classes in the common branches are taught during the entire year. All can thus be accommodated, as subjects offered during the first part of the year are repeated in the last half of second semester.

The Normal Course is approved by the State Board of Education and leads to the State Certificate. It provides careful instruction in both the Academic and Professional subjects. The course covers a period of five years. In this course is brought together all that bears upon Pedagogy, from the History of Education, from Psychology, from the principles and art of teaching, and from a comparative study of systems of education. This knowledge is united into a body of pedagogical doctrine and its application to education and instruction pointed out. The course is especially arranged with reference to the needs of the average teacher, or one preparing to teach in the public schools.

The Professional Subjects.—History of Education, Philosophy of Education, School Law, School Management and Methods of Instruction are given special attention in the Normal Courses. Besides these subjects, courses in Elementary Pedagogy and School Supervision contribute to the students' professional training. Each student of this department during his third or fourth year is required to devote at least 18 weeks to practice teaching and criticism under the direct supervision of the regular professor, or the professor of pedagogy.

The Educational Library is quite complete, containing most of the standard works upon education. Several educational periodicals are upon the reading tables.

State Certificates.—Under the law of 1893 graduates

from the Normal Course receive a three years' certificate to teach in any of the schools of the State. This certificate becomes a life certificate, if the holder teaches two out of the three years to which his certificate entitles him. The State Board of Education requires an examination in the five professional branches only. Prospective teachers should not overlook the opportunity of thus securing a life certificate.

The law of 1899 further provides that graduates of the A. B. Course, by electing the professional subjects during the regular course, and doing practice teaching may also secure the State Certificate.

Graduation and Diploma.—Students who satisfactorily complete the Normal Course participate in the regular graduation exercises with graduates of the college classes; and are presented with the Normal Diploma of the college.

Teachers' Professional Subjects.

Psychology.—Five hours, first semester. Thorough advanced course based on Porter's Elements of Intellectual Science.

Philosophy of Education.—Three hours, second semester. Based on Rosenkranz's text, a careful study of the principles underlying the science and art of teaching; the nature, form and limit of education; the principles governing physical, intellectual and moral education and their practical application to the various stages of the child's development. Psychology is prerequisite.

History of Education.—Five hours, first semester. Text used, Painter and Boone; library readings required; survey of educational systems of both ancient and modern nations; typical movements in education; the great educators; development, purposes and ideals of different systems, and their realization in school organization and methods; the educational history of the United States;

modern tendencies.

Child Study or Paidology.—Three hours, one semester. Lectures and a study of the literature of the subject; what is known about the normal child, physically, intellectually and morally. The care and handling of abnormal children; actual study of children encouraged, methods explained; thesis required of student.

School Law or Educational Civics.—Two hours, first semester. The provisions of Kansas law relating to school maintenance, supervision, organization and administration. Comparison with laws of other States; National aid; special state and city systems; library readings.

School Management.—Two and one-half hours, first half second semester. The problems of public schools, organization, program, grading, promotions, examinations, class management, discipline, incentives, employments, co-operations, qualifications and duties of teachers, school boards and duties, buildings and their equipment, school hygiene, moral training, loose and close supervision. Library readings.

General Method.—Two and one-half hours, first half of second semester. Library readings; theory of recitation; the formal steps in instruction, preparation (analysis), presentation (synthesis), comparison (association, abstraction), generalization (system, definition), application; the laws of instruction, induction, apperception, aim, self-activity, interest, correlation. How to correlate the arts of study, learning and teaching.

Elementary Pedagogy.—One-half of one semester. An outline of the powers and activities of the mind; the underlying principles and methods of teaching; study of the most approved methods of instruction in the common branches.

Teaching and Criticism.—One semester. Actual practice in class instruction and observation, under criticism of the teacher of the department in which work is done, or the professor of pedagogy. Required of all State Certificate graduates.

Normal Course.

FIRST YEAR.

FIRST SEMESTER.	SECOND SEMESTER.
Algebra (4) 1 English (4) Physical Geography (4) 1 Latin (4) Arithmetic	Algebra (4) Physical Geography (4) 1 English (4) 1 Latin (4) Kansas History 1st half Orthography 2nd half

SECOND YEAR

FIRST SEMESTER.	SECOND SEMESTER.
Algebra (4) 2 English (4) 1 Botany (4) 2 Latin (4) U. S. Constitution	Plane Geometry (4) 2 English (4) 1 Botany (4) 2 Latin (4) Penmanship 1st half Bookkeeping 2nd half

THIRD YEAR.

FIRST SEMESTER.	SECOND SEMESTER.
3 Latin (4) Plane Geometry (4) 1 History (4) 1 Zoology	3 Latin (4) Solid Geometry (4) 1 History (4) 2 Physiology Drawing

FOURTH YEAR.

FIRST SEMESTER.	SECOND SEMESTER.
Literature Trigonometry (2) Physics (4) School Law (2) Elocution (2)	Trigonometry (2) American History Physics (4) Vocal Music Elocution (2)

FIFTH YEAR.

FIRST SEMESTER.	SECOND SEMESTER.
Psychology History of Education Chemistry Teaching and Criticism Reviews	Philosophy of Education (3) Methods 1st half Management 2nd half Economics Teaching and Criticism Reviews

Numbers preceding the word indicates the course; those in brackets () the number of recitations per week. All subjects not specified recite five times per week.

The Preparatory Department.

The Preparatory Department, from the first, has had a justifiable existence, in view of the lack of secondary school privileges of many of our students. The advantages offered are two-fold: A preparation for a collegiate course, and thorough training in academic branches.

The Instruction is given by the professors in charge of the regular college classes, affording a marked advantage to underclass students. The privileges of the Preparatory students are the same as those of the college.

For Admission to this department an elementary knowledge of English Grammar, Arithmetic, United States History and Geography is required. For advanced standing the applicant must show ability to enter the studies proposed. Certificates from public school or high school may be received as credits on approval.

Amount of Work and Graduation.

Students in the preparatory school regularly carry sixteen hours, recitation work per week for the four years. A year's work in one course, four hours per week, is counted as one unit. Students are graduated when they receive fifteen units' credit. Strong students, by carrying extra work, may meet the condition for graduation in three years and are encouraged to do so, but no student may carry extra work who does not secure a grade of 2 in the regular work. On completion of the Preparatory Course, students are granted a certificate which admits to the Freshman class of the College of Liberal Arts. Each graduate is required to write an oration.

COOPER COLLEGE, STERLING, KANSAS

Preparatory Course.

FIRST YEAR.		SECOND YEAR.	
1st Semester.	2nd Semester.	1st Semester.	2nd Semester.
Latin Algebra English 1 Physical Geog. Bible (2)	Latin Algebra English 1 Physical Geog. Bible (2)	Caesar Algebra English 2 Botany 1 Bible (2)	Caesar Geometry English 2 Botany 1 Bible (2)

THIRD YEAR.		FOURTH YEAR.	
1st Semester	2nd Semester.	1st Semester	2nd Semester.
Cicero History, Greek Geometry Zoology 1 or Physiology 1	Cicero History, Roman Geometry Zoology 1 or Physiology 1	Virgil Physics 1 English 3 German or Greek	Virgil Physics 1 English 3 German or Greek

All courses, except Bible, recite four times a week. Numbers indicate courses, those in brackets the recitation periods per week. Description of courses will be found on the preceding pages.

Commercial Department.

The Commercial Department is conducted upon principles that encourage and interest students and prepare them for practical work in the shortest time possible. Each student is given individual attention and is assisted to advance as rapidly as is consistent with good work.

The Commercial Course is thorough and complete in every respect. It affords special advantages to the student who desires to fit himself for business or for an office position. The course includes Bookkeeping, Business Practice, Arithmetic, Commercial Law, Grammar and Correspondence. Orthography and Penmanship.

Bookkeeping is the foundation study of this course. The other branches, though equally important, are auxili-

ary to its practical application. The Budget System of Bookkeeping is used. The instruction is almost wholly individual. Each student does his work independently of other students and makes such progress as his ability and application merit. He need have no fear of being held back on account of dull students, or of being unduly pushed forward on account of more advanced ones. Those who have studied bookkeeping before entering are allowed to take such advanced work as they may be able to do.

In Arithmetic, the aim is to secure accuracy and rapidity in addition, subtraction, multiplication and division. These simple processes mean much to a business man, yet there are comparatively few who can perform them well. Much attention is given to short methods and rapid calculation.

Commercial Law.—This branch of Law applies to contracts, shipping, insurance, negotiable paper, sale of personal property, real estate, partnership, corporations and agency. A knowledge of these topics is very valuable as a safeguard against fraud and business failures. Our plan of teaching commercial law renders it an interesting as well as an instructive study.

Grammar and Commercial Correspondence.—The aim is to give the student the essentials of grammar. This is necessary to every one who would win the respect of the business world, and is especially so to everyone who does commercial correspondence. The subjects necessary to enable the student to write a business letter, correct as to grammar, style, punctuation, etc., are carefully taught. Thorough drills are given on business letter writing, and the careful filing of business papers of all kinds.

Orthography.—Much attention is given to this subject. We aid our students to become proficient in spelling. Careful drill is given. The words used in every day business

transactions receive special attention.

Business Penmanship.—The purpose is to assist the student in acquiring a good business hand such as will be found the most advantageous for practical work. We teach the muscular movement as a basis on which a good, free and easy handwriting depends.

Shorthand Course includes Shorthand, Typewriting, Grammar and Correspondence, Orthography and Spelling.

The advantages of Shorthand are too manifest to need extensive introduction or argument. We have no hesitancy in claiming that our system and our manner of teaching have met the most rigid tests successfully.

Typewriting is yearly assuming greater importance in the commercial world. To meet the demand of today, one who holds an office position of any kind must be able to operate a typewriter rapidly. The standard makes of machines are in use here and up-to-date methods of instruction are employed. We recommend the "touch" system, but the student may have his choice as to the system he uses.

The preceding only briefly outlines the work of the Commercial Department. We have a special catalogue of this department, giving full information regarding all work in the Commercial and Shorthand Courses. If you are interested in a business education, send for our special catalogue and read what our students say regarding the work here, and the assistance rendered by the college in securing positions.

Time Required to Complete a Course.—It is impossible to state definitely the time required for the completion of any course. It depends largely upon the education of the pupil upon entering, his ability to learn, and application to study. Students having a good common school education

can complete either the Shorthand or Business Course in from four to six months, or the two courses combined in from six to nine months.

Neglected Education.—No one need hesitate to enter college on account of neglected education or advanced age. No special qualification is required. Scores of backward pupils enter every year who by our methods easily regain what was lost through neglect or lack of opportunity, and are soon prepared to enter upon a successful business career. It requires a little stronger resolution to enter, perhaps a little longer to finish, but the mature judgment that added years have brought, makes advancement surprising and gratifying.

Positions.—Cooper College does not guarantee positions to Commercial graduates. She does everything she can for such students just as she does for all students of all the other departments. Positions are obtained largely by the individual and no school ought to insure them. In the past Cooper has secured positions for all her graduates and hopes to do so in the future, but she will not guarantee. In the past year students of so called guarantee schools have called on Cooper to aid them in securing positions which indicates that Cooper at least succeeds in this respect.

Before graduating in the commercial courses students may be required to do stenographic and bookkeeping work in the College office for at least two weeks.

Rooms and Equipment.—This department occupies spacious quarters, well lighted, and heated by steam. The equipments are first-class, and are finished in the most approved manner. Here you will find two Banks, a Commission, two Wholesale, a Freight, an Importing and a Merchant's Exchange office, especially arranged, and offering to the students an opportunity to gain a thorough

and practical knowledge of commercial science.

Special Advantages.—This Business School has many additional advantages because of its connection with the regular Academic school. The students have the advantage of Library, Literary Societies, Public Lectures, etc. These incidental influences cannot be easily overestimated. They constitute a large part of the benefits of a course at school.

Art Department.

While all who make a study of art may not become professionals, the effect of training along this line will be felt all through life. It is the aim of this department to impart the underlying principles of drawing and painting, and to endeavor to cultivate and develop a love for the beautiful.

Form study, perspective, sketching from nature and from objects are included in the course of instruction in drawing.

This course is of great value to the student.

It trains to habits of correct seeing. Eye training at the very threshold of the work. Our knowledge of the forms of objects, tends to mislead us in attempting to draw them.

It cultivates accuracy. Drill in size, proportion, contour, etc., can not fail to make the student accurate as to eye and hand.

It makes it possible to more clearly express and impress thought.

A few strokes of the pencil will convey an idea with a distinctness and fullness which words will not do.

In oil and water colors, painting from nature and still life is taught.

Owing to the increased demand for china painting, a

larger and better kiln has been placed in the studio this year.

A collection of china was sent on request to the "Arts and Crafts display" in Hutchinson in December, also to one held in Kinsley in March.

An art exhibition and sale was held in Gt. Bend, Newton and Beliot, as also in Sterling. The annual exhibit of the work of the class was held in the college March 12th, 13th and 14th, beginning with a program, given in the chapel the evening of March 12th, by the art class.

Classes in drawing and painting taught throughout the year.

Special rates are given to college students. Visitors are always welcome in the studio.

This department gives opportunity for art culture such as every one needs in these modern times. It has more and more a real money value as well. Newspapers, schools, homes, office work, all call for one trained in art. Cooper has one of the best Art Departments in the west. Here is your opportunity. Take art lessons along with college work.

Miss Brown has been placed in charge of the Art Department of the Columbus, Iowa, Chautauqua. She will also teach classes in China painting and pyrography in the Sterling Chautauqua in July.

COOPER COLLEGE CONSERVATORY OF MUSIC.

MAUDE BURR,

Instructor in Voice, History, Interpretation and Assistant Piano.

Graduate of Monmouth College Conservatory Voice Culture 1906, Post Graduate 1907.

WINIFRED WHERRY,

Instructor in Advance Piano, Pipe Organ, Harmony and Theory.

Graduate of Monmouth College Conservatory Organ Course 1905. Piano Course 1907. Post Graduate Theory 1907.

Music study is many sided. To make it truly educative it must be pursued from both theoretical and practical standpoints. Its study includes not only technical training but intellectual and emotional development as well.

The present age demands of a musician that he be broad minded, intelligent and artistic. The serious study of the art has taken an honored place in the curriculum of every school, academy and college. Recognizing this, our Conservatory of Music has been organized with the view of giving each student thorough knowledge of music and surrounding him with the refining and ennobling influence that flows from such a center.

It is the intention of the management to graduate from this school artistic performers and competent teachers.

The work of the Conservatory is divided into departments, each course laid out in broad lines. The instructors bring to the work thorough education, successful experience as teachers and an enthusiasm that should find response in the heart of every student and friend of Cooper College.

Piano.

The piano course consists of a preparatory course of two years, and a collegiate course of three years.

Appended is a specimen course founded in the etude system together with which will be taught concert and salon pieces and works of the Masters throughout the entire course.

The completion of Jadassohn's *Harmony*, *Filmore's History of Music*, attendance upon all student recitals and the giving of a public recital are required for graduation.

PREPARATORY.

Technical exercises at table and piano for hand position, finger and wrist development. Special attention to variety of touch, major and minor scales, chords and arpeggios. Studies by Kohler, Tapper, Czerny and Loeschhorn. Pieces selected with the view of creating a taste for good style, and drawing out the student's power of interpretation.

COLLEGIATE.

Technical work by Hanon, Pischna and Tansig. Studies and etudes selected from Bertini, Heller (*Phrasing*), Krause (*Trill*), Berens (*Velocity*), Bach (*Little Preludes and two parts inventions*), Cramer *Clementi* (*Gradus ad Parnassum*), Chopin (*Etudes*.)

Selections from the best modern writers and the classics throughout the entire course.

Pupils must have studied and be able to render in a creditable manner the following compositions before entering the graduating year: one Mozart Sonata, one Haydn Sonata, one Beethoven Sonata, two waltzes of Chopin, one Nocturne, one Polonaise, one Etude, two compositions by Schubert, two by Schumann.

Voice Culture.

In this department advantages are offered which will lead to the highest attainment in this line of art.

VOICE PLACING.

Especial attention is given to the proper placing of the voice. This is considered of the utmost importance, as neglect of it almost invariably results in permanent injury to the voice.

To accomplish this the pupil is instructed in a proper control of the breath, a perfect union of the registers, a fine and easy emission of the tone and knowledge of the different timbers of the voice.

By these means the voice is produced with equal beauty and brilliancy throughout the entire compass.

As with the piano, this course is divided into two courses, preparatory and collegiate.

The definite length of this course depends entirely upon the ability of the pupil and the progress made by him.

The completion of Jadasshon's Harmony, Filmore's History of Music, attendance upon all Student's recitals, and the giving of a public recital is required for graduation.

PREPARATORY.

A thorough knowledge of the principles of breathing, tone placing, agility and relaxation of muscles.

Vocalises: Fred Sieber's 8 measures studies; simple songs to assist in overcoming the difficulties the pupil may have.

COLLEGIATE.

Exercises in agility, uniting of tones, swell, mezza-voce, embellishments, trill, style and finish. Vocalises used are selections from Sieber and Concone, a series of Masterpieces of Vocalization which is a graded series of Vocal Studies chosen from the celebrated works of the

great Masters of singing. Repertoire of classic German, French and Italian songs. Oratorio and Opera.

It is advised that Vocal pupils study German and French. It is also expected that graduates have at least three years piano.

Theory.

The course offered in theory includes harmony and musical history.

The importance of the work is strongly urged. It is recommended that any work in piano or voice be supplemented by study in this course.

The work is carried on in a systematic way, examination being given each semester and records kept.

HARMONY.

A thorough knowledge of keys, scales, signatures, intervals, triads, chord connection, chords of all kinds, including altered and augmented, suspensions, passing chords, melodic changes and organ point will be required. The harmonizing of melodies and chorals. The playing of modulations of many kinds through all keys.

Text, Emery and Jadassohn.

HISTORY.

The general history of music showing its growth and development. Early Christian Music, Polyphonic Music, Monophonic Music, the rise of Instrumental Music in the classic form, the Opera, the Oratorio, Romantic Music. These lessons are given in the form of lectures and lessons from text books with outside reading.

Cooper Choral Society.

This society, while having its own officers and conducting its own affairs, is affiliated with the College and offers students, at a merely nominal fee, the advantages

of first class chorus drill. Concerts of the highest grade will be given each year by the society.

Recitals, Lectures, Etc.

At frequent intervals recitals will be given by the members of the faculty at which an explanation of the music performed will be given, thus enabling the student to hear good music performed in an artistic manner.

During the year a number of pupils' recitals will be given at which students of all grades are expected to perform.

At the close of each term a Term Recital will be given, at which advanced pupils of the Conservatory present a program to the public.

Each student is urged to hear all the good music possible, that his musical tastes may reach the highest possible cultivation.

General Information.

Students may enter at any time, but are not enrolled for less than the term in which they enter.

In order to secure a diploma the student must have finished the prescribed work, and must have spent at least one year in this institution.

The privileges of the Musical Department are not extended on the same grounds to holders of scholarships as are the privileges of the other departments of the College.

Students attending College and desiring to take musical instruction, are expected to take lessons in this department. No credits will be given for lessons taken elsewhere.

Pupils should report to the President of the College with whom they will make all their arrangements for entrance.

Music Electives.

One year's study of music, two lessons each week, will be received as a credit of 8 hours, to be applied on the electives of any college course leading to graduation.

The following courses are open for this purpose:

1. Harmony.
2. Piano—First, Second, Third Collegiate, Prerequisites—Preparatory grade and first year Collegiate.
3. Voice—Any collegiate year.

PREREQUISITE-PREPARATORY.

Credits on electives will not be given for music taken elsewhere. In order to obtain credit on music as an elective, the student must have passing records entered on the books not only of the work on which credits are desired, but also of the work prerequisite to this.

Tuition Rates.

\$18.00 for Piano two half hours per week, for either semester.

\$18.00 for Voice two half hours per week, for either semester.

\$9.00 for Piano one half hour per week, for either semester.

\$9.00 for Voice one half hour per week, for either semester.

\$8.00 for Harmony (5 in a class) two hours per week, for either semester.

\$4.00 for History (6 in a class) one hour per week, for either semester.

Notation and Sight Reading classes to be announced later.

Greater Cooper.

Two years ago Cooper College practically cleared up all indebtedness and under present conditions no debt can arise. Hence, all contributors can rest assured that all gifts go into the funds of the college as designated and will not be used to pay old debts. Andrew Carnegie offered to give the last twenty thousand dollars of an eighty thousand-dollar addition to the Endowment Fund. Every effort is now being made to meet this proposition. About one-third of it has been received. Friends of Christian education can aid no greater missionary work. At home and abroad the church is dependent on her own denominational colleges for her workers. "No colleges" means no church in a very few years. Weak colleges mean a small weak church. There is no surer way to push missions than by pushing denominational colleges. State schools furnish practically no aid to the church in the great work of saving a lost world. To make Cooper equal to the great task before her, every friend must do something. Each one must do all that he can. A united effort all along the line will crown with success Cooper's efforts to increase her endowment.

ROLL OF STUDENTS FOR 1906-1907.

College Department.

POST GRADUATE STUDENTS.

Dougherty, Elizabeth Estelle, '06.....	Sterling
McCarroll, Clara E., '05.....	Sterling
Nash, Clarence A., '05.....	Sterling
Spencer, Wilda Annette, '06.....	Sterling

SENIORS.

Lindsay, David Ross, sc.....	Conway Springs
Mustard, Paul French, cl.....	Sterling
Sanders, Anah Elizabeth, sc.....	Cottonwood Falls
Stahl, Ethel Keturah, cl.....	Sterling
Stavely, Albert K., cl.....	Lyndon
Stavely, Pluma, cl.....	Lyndon

JUNIORS.

Adair, N. Blanche, cl.....	Sterling
Brownlee, J. Erskine, sc.....	Sterling
Gault, Margaret Belle, sc.....	Sterling
Kauffman, LeRoy Levelon, lit.....	Sterling
McMillan, Mathew Steele, lit.....	Greeley, Colo.
Miller, Jennie Moffette, lit.....	Lyndon
Moorehead, Albert Ritchey, sc.....	Walton
Spencer, Eula A., cl.....	Sterling

SOPHOMORES.

Anderson, Thomas Collins, sc.....	Xenia, O.
Currie, Jesse Clyde, cl.....	Sterling
Inches, John Wallace, cl.....	Sterling
Kuhn, Jetta Elizabeth, cl.....	Sterling
McCrary, William Bertram, cl.....	Sterling
McVey, David Wilson, cl.....	Sterling
Miller, Lillie Ora, lit.....	Lyndon
Oyler, Thomas Curry, cl.....	Lyndon

Robinson, James Gordon, sc.....	Viola
Smith, Mattie Frances.....	Sterling
Yarnall, Edith Elizabeth, spl.....	Garnett

FRESHMEN.

Adams, James Renwick, cl.....	Sterling
Allen, Florence Eleanor, spl.....	Sterling
Brownlee, John Arthur, sc.....	Sterling
Brownlee, Joseph Harold, cl.....	Sterling
Buchanan, Daniel Houston, cl.....	Lyndon
Cunningham, Walter I., cl.....	Winfield
Edgar, Florence M., sc.....	Lyons
Gailey, Clara Florence, lit.....	Sterling
Gailey, Carrie Elma, lit.....	Sterling
Hays, Edith Clare.....	Nortonville
Jamison, Eva Susana, sc.....	Sterling
Lincoln, Elizabeth Ebaugh, n.....	McAlvey's Fort, Pa.
Lindsay, Ralph Wilson, cl.....	Conway Springs
McVey, Louis Lorimer, sc.....	Sterling
Porter, Eleanor Malinda, lit.....	Sterling
Smith, Elizabeth, lit.....	Sterling
Tyler, Warner Milton, cl.....	St. John
Wilson, Charles Malven, cl.....	Garnett

Preparatory Department.

SENIORS.

Adams, Mary Rebecca.....	Sterling
Brush, Ethel Florence.....	Wyoming, Iowa
Davis, Glenn Carl Mathews.....	Sterling
Edwards, Mary C.....	Lyons
Findlay, John Scott.....	Walton
Gault, Eliza Jane.....	Sterling
Gilchrist, Laura Perthenya.....	Newton
Lincoln, Warren Randall.....	McAlvey's Fort, Pa.

Lindsay, Agnes Margaret.....	Conway Springs
Snair, Roland Robert.....	Sterling
Tippin, Ernest Elwood... ..	Sterling

JUNIORS.

Adams, Richard Cameron.....	Sterling
Ball, Wallace Erastus.....	Stafford
Brownlee, Earl Robert	Sterling
Dougherty, Mary McConnell.....	Sterling
Humphreys, Thomas Arthur.....	Sterling
Leslie, Ora Lee.....	Beloit
McCrary, William Wylie.....	Mayetta
Mitchell, Harry Clifford.....	Hymer
Slentz, John Roy.....	Saxman
Wallace, Frank Paul.....	Jetmore
Hamill, Elma Grace.....	Sterling

Normal Department.

SECOND YEAR.

Ball, Clara Anna.....	Stafford
Ball, Mary May.....	Stafford
Boehme, Shirley Frances.....	Stafford
Copeland, Lora M.....	Eskridge
Crego, Bertha Ellinor.....	Plevna
Edwards, Edward Jones.....	Lyons
Keys, Mattie Belle.....	Sterling
Lewis, Mary.....	Geneseo
McLain, Nannie Jeannette.....	Walton
Patterson, Grace.....	Petersburg, Ind.
Smiley, Cora Arena.....	Stafford
Snair, Sarah Bertha.....	Sterling
Wohlford, Olive May.....	Harper
Wilson, Elizabeth.....	Broken Arrow, Okla.

FIRST YEAR.

Allen, Florence Eleanor.....	Sterling
Apsley, Mary Ethel.....	Stafford
Duncan, Laura Mahala.....	Sterling
Edwards, Mary.....	Lyons
Fail, Elsie Grace.....	Little River
Hanks, Jessie LePearl.....	Sterling
Heckman, Margaret Edith.....	Sterling
Humphreys, Anabel May.....	Sterling
Jones, Louis Harrison.....	Lyons
Mills, Sadie Augusta.....	Sterling
Ward, Alfred.....	St. John

Commercial Department.

Allington, Minnie Pearl.....	Sterling
Bleger, Ernest J.....	Saxman
Byall, David Wallace.....	Sterling
Dailey, Eugene W.....	Sterling
Denning, Martha Blair.....	Sterling
Dotson, Minnie Lee.....	Sterling
Duling, Frank.....	Eskridge
Edgar, William David.....	Sterling
Heckman, Blanche Ida.....	Sterling
Higley, Earle Noble.....	Sterling
Hodge, Wm. Trent.....	Sterling
Kuhn, Neva Catherine.....	Sterling
Martinez, Ralph T.....	Black Lake, New Mexico
Maughlin, Ralph Raymond.....	Stafford
McCarroll, Clara E.....	Sterling
McKean, Walter Reagle.....	Oakdale, Ill.
McKnight, Clarence J.....	Eskridge
Ortman, William Frederick.....	Sterling
Staveley, Albert K.....	Lyndon
Thompson, Imo Annis.....	Sterling
Townsend, Lula Elizabeth.....	Downey, Cal.
Turner, James L.....	Plevna

Elocution Department.

Adair, Mary.....	Sterling
Adair, Blanche N.....	Sterling
Ball, Clara Anna.....	Stafford
Ball, Wallace Erastus.....	Stafford
Berry, Adelle	Sterling
Boehme, Shirley Frances.....	Stafford
Brown, Amy.....	Sterling
Brush, Ethel Florence.....	Wyoming, Iowa
Brush, Bessie	Saxman
Buchanan, Daniel Houston.....	Lyndon
Davis, Glenn Carl Mathews	Sterling
Gailey, Clara Florence.....	Sterling
Gailey, Carrie Elma.....	Sterling
Gault, Eliza Jane.....	Sterling
Gault, Margaret Bell.....	Sterling
Gilchrist, Laura Perthenya.....	Newton
Humphreys, Anabel May	Sterling
Kuhn, Jetta Elizabeth	Sterling
Lindsay, David Ross.....	Conway Springs
Lindsay, Ralph Wilson.....	Conway Springs
Mitchell, Harry Clifford	Hymer
Miller, Lillie Ora	Lyndon
McVey, David Wilson.....	Sterling
McVey, Lewis Lorimor.....	Sterling
McMillan, Mathew Steele.....	Greeley, Colo.
Oyler, Thomas Curry.....	Lyndon
Porter, Eleanor Malinda.....	Sterling
Sanders, Anah Elizabeth.....	Cottonwood Falls
Selfridge, Edna.....	Sterling
Slentz, Bessie	Sterling
Smith, Elizabeth.....	Sterling
Stavely, Albert K.....	Lyndon
Townsend, Mary	Downey, Cali

Tyler, Warren Milton.....	St. John
Westenhaver, Blanche.....	Sterling
Wilson, Charles Malven	Garnett
Rogers, Paul.....	Sterling

Art Department.

Allen, Mrs. Laura.....	Sterling
Beatte, Stella.....	Woodward, Okla
Brown, Amy.....	Sterling
Brown, Floy.....	Sterling
Capper, Edith.....	Sterling
Duff, Bessie.....	Sterling
Flora, Ethel.....	Sterling
Griffith, Leona.....	Great Bend
Inches, Jennie.....	Sterling
Inches Lottie.....	Sterling
Inches, Inez.....	Sterling
Lees, Mrs. J. B.....	Sterling
McClure, Stella.....	Sterling
McKnight, Mrs. E. L.....	Allegheny, Penn
Morris, Thomas.....	Sterling
Newman, Winnie.....	Sterling
Patton, Mattie.....	La Junta, Colo
Roy, Alice.....	Sterling
Seaward, Eva.....	Sterling
Strong, Mrs. C. H.....	Sterling
Strong, Vera.....	Sterling
Stubbs, Mrs. Nellie.....	Sterling
Smith, Bessie.....	Sterling
Smith, Isabell.....	Sterling
Turner, Bessie.....	Sterling
Taylor, Myrtle.....	Sterling
Townsend, Mary.....	Downey, Calif
Welk, Mrs. Ella.....	Chicago, Ill
Woleslagel, Mrs. Edna.....	Sterling

Alumni.

1892.

Essington Herbert Lees, B. S., Attorney, Sterling, Kan.

1893.

Jay Foster Beaman, B. S., Ass't. Engineer, S. F. & N. W.
R. R., Glen Frazer, California.

Archie Cameron Rees, A. B., Farmer, Rock Island, Texas.

Edward Thomas Rees, A. B., Farmer, Newton, Iowa.

1894.

George F. W. Benn, A. B., A. M., (Univ. of Pa.), Pastor
R. P. Church, Cambridge, Mass.

Edgar Herman Black, A. B., Pastor U. P. Church, Spar-
land, Illinois.

1895.

Talmon Bell, A. M., Professor of Mathematics, Cooper
College, Sterling, Kansas.

1896.

Minnie Lees, (Mrs. George Mann), B. S., Mason, Mich.

Wm. A. Phillips, A. B., Pastor Lincoln Ave. U. P. Church,
Pittsburg, Penn.

Mary Adella Spencer, (Mrs. E. H. Lees), B. S., Sterling,
Kansas.

1897.

Ella E. Crum, (Mrs. W. T. Hood), B. S., 1614 Missouri
Ave., South Omaha, Nebraska.

Caleb B. Elliott, Normal, Merchant, Delta, Colorado.

Wm. T. Hood, B. S., Cudahy Packing Co., South Omaha,
Nebraska.

John M. Kirkwood, B. S., Manager Lumber Yard, Gotebo,
Oklahoma, U. S. Commissioner Kiowa County.

Jesse G. Liston, Normal, Teacher, Coalmont, Indiana.

1898.

John U. Brush, A. B., Pastor U. P. Church, Saxman, Kan.

Wm. I. Finley, B. S., Lyons, Kansas.

Mabel Latham Grandy (Mrs. T. J. English), B. S., Sterling, Kansas.

Orin A. Keach, A. B., Pastor U. P. Church, Cleveland, Ohio.

Otto W. Newby, A.M., Teacher, Deceased, August 31, 1906.

Belle S. Smith, B. S., Music Dealer, Garnett, Kansas.

Estella Myrtle Stormont, B. S., Teacher, Sterling, Kan.

Wm. Paul Stormont, B. S., Bookkeeper, Hutchinson, Kan.

Emma Vera Strong, B. S., Teacher, Sterling, Kansas.

Emma Cassie Wiggins (Mrs. E. K. Porter), Normal, Sterling, Kansas.

1899.

David Calvin Mathews, A. B., Pastor R. P. Church, Princeton, Indiana.

Wm. Henry Meyer, B. S., Manager Lumber Office, Enid, Oklahoma.

Herbert Bratton McMillan, A. B., Pastor R. P. Church, Canon City, Colorado.

Eva Josephine Spencer, B. S., (Mrs. D. C. Mathews), Princeton, Indiana.

Sarah Squire, B. S., A. B., (Univ. of Kan.) Teacher, Sterling, Kansas.

J. Floyd Thomson, B. S., Manager Lumber Office, Belle Plaine, Kansas.

Lewis Alfred Kerr, A. B., Pastor, U. P. Church, Burdard, Neb.

1900.

Izora Baldwin, Normal, Teacher, Ames, Oklahoma.

Marion Trueheart, B. S., A. B., (Univ. of Kan.) M. D., Physician, Sterling, Kansas.

Bert X. Tucker, B. S., A. B., (Univ. of Kan.) M. S. (Univ. of Cal.) Prof. of Physics, High School, Santa Maria, California.

May Beatrice VanNest, Normal, (Mrs. Martin Jacobson) Ault, Colorado.

1901.

- Mary Lorena Brown, B. S., Teacher, Sterling, Kansas.
Ross Wallace Graham, B. S., U. S. Postal Service, 640 E.
8th Street, Oklahoma City, Okla.
John Reynolds McCoy, A. B., Pastor U. P. Church, Quin-
by, Iowa.
Edna Rosalie Spencer, B. S., (Mrs. J. L. Wolesslagel) Ster-
ling, Kansas.
Garfield Wilson Weede, B. S., Student Dentistry, Univer-
sity of Pennsylvania, Philadelphia, Penn.

1902.

- Cora Mary Grove, B.S., (Mrs. Wm. Hanlon), Sterling, Kan.
Fred Clarence Morgan Hunter, Academic, Farmer, New-
ton, Kansas.
Sara Lavinia McCrory, B. S., Teacher, American Mission,
Assiout, Egypt.
Amy Almira Ross, B. S., Sterling, Kansas.
Nellie Arvilla Sanders, Normal, Teacher, Cottonwood,
Falls, Kansas.
Frances Eleanor Spencer, B. S., (Mrs. H. B. Kilbourn),
Sterling, Kansas.
Harry Elmore Squire, Normal, Student, Kansas Univer-
sity, Lawrence, Kansas.
Walter W. Stahl, A. B., A. M. (Fairmount), Student Law,
Topeka, Kansas.
Chas. Stafford Tharp, B. S., Pastor U. P. Ch., Pt. Byron, Ill.
Ralph Foster Wallace, B. S., Seattle, Washington.

1903.

- John Marvin Bond, B. S., Sterling, Kansas.
J. Willard Foster, Normal, Teacher, 2041 N. Thompson
Street, Kansas City, Kansas.
Wm. Leslie Hanlon, B. S., Mechanic, Sterling, Kansas.
Iva A. McMillan, Academic, Greeley, Col.
J. Clark Turner, A. B., Farmer, Boynton, Ind. Ter.
Harry Elmer Walter, Normal, Principal Schools, Syra-
cuse, Kansas.

1904.

Benj. Miller Dobbin, A. B., Student Theology, Xenia, Ohio.
E. Francis Ewing, Principal Schools, Garden City, Kan.
Olive Frances Guttery, Teacher, Sterling, Kansas.
Harry Augustus Hill, Student, State Normal, Emporia.
Nannie Hazeltine Houston, Teacher, Gem, Kansas.
David Smith Oyler, A. B., Student Theology, Xenia, Ohio.
Maude Ethel Smith, Sterling, Kansas.

1905.

Grace Burford Giffen, B. S., Student, King's School of
Oratory, Pittsburg, Pa.
Charlotte Lovette Inches, Normal, Teacher, Sterling, Kan.
William Robert Irvine, A. B., Student Theology, Alle-
gheny, Pa.
Pearl Johnson, Normal, Teacher, Saxman, Kansas.
Clara Ernestine McCarroll, B. S., Post-Graduate Student,
Sterling, Kansas.
Elizabeth Myrtle McCrory, A. B., (Mrs. R. W. Walker)
Beni Suef, Egypt.
Clarence Adelbert Nash, Normal, Instructor in Chemistry
and Physics, Cooper College, Sterling, Kan.
Zada Ann Patton, Normal, Missionary, Latakia, Syria.
Andrew Jackson Seigle, A. B., Student Theology, Alle-
gheny, Pa.
Jemima M. Webster, Normal, Teacher, Valley Center, Kan.
Edgar R. Wells, B. S., Caney, Kansas.

1906.

Elizabeth Estelle Dougherty, A. B., Post-graduate Stu-
dent, Sterling, Kan.
Josiah Dodds Edgar, A. B., Student Theology, Allegheny
Pennsylvania.
Walter Lee Gunn, B. L., Salesman, Great Bend, Kan.
Wilda Annette Spencer, A. B., Post-graduate Student,
Sterling, Kan.

Summary 1906-07.

I.	College Department.	
	Post Graduates.....	4
	Seniors.....	6
	Juniors	8
	Sophomores	11
	Freshmen	18—47
II.	Preparatory Department.	
	Seniors.....	11
	Juniors.....	11—22
III.	Normal Department.	
	Second Year.....	14
	First Year.....	11— 25
IV.	Commercial Department.....	22
V.	Elocution Department.....	37
VI.	Art Department.....	29
	Total in all Departments.....	192
	Total names repeated.....	28
	Total number students.....	154

INDEX

	Page		Page
Absences.....	19	History	5
Admission.....	21	Information, General	15, 56
Alumni Association.....	13	Laboratories	10
Alumni, List of.....	65	Liberal Arts, College of.....	20
Art Department.....	50	Library	11
Athletics.....	13	Material Equipment.....	8
Boarding.....	18	Museum	8
Buildings.....	8	Music, Department of.....	52
Calendar 1907-1908.....	2	Normal Department.....	40
Chautauqua	7	Organizations, College.....	12
Choral Society.....	55	Paper, College.....	13
College Year.....	15	Positions, Guarantee of.....	49
Commercial Department.....	46	Preparatory Department	45
Conservatory of Music.....	52	Program of Recitations	36
Contests	14	Public Speaking.....	36
Conspectus of Courses.....	44	Registration	19
Courses of Study.....35, 36, 40, 44, 46		Regulations	19
Credits.....	16	Reports.....	19
Departments of Study.....	25	Requirements for Graduation	
Directors, College.....	322, 45, 53, 55	
Elocution	36	Roll of Students	59
Equipment	8	Rooms and Boarding.....	18
Examination	20	Scholarships	16
Expenses	17, 37, 57	Senate, College	3
Faculty and Instructors.....	4	Subjects, Number.....	19
Fees, Tuition, etc.,.....	17, 37, 57	Subjects for Graduation.....	21
Government.....	15	Summary	69
Graduation.....22, 45, 53, 55		Trustees	3
Greater Cooper.....	58	Tuition.....	17, 37, 57



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